SemStats 2016

4th International Workshop on Semantic Statistics

co-located with ISWC 2016

http://semstats.org/2016/

Introduction

- Objectives
  - Link (official) statistics and semantic web communities
- 2016 Context
  - Major projects by international organizations using LD
- 2016 achievements
  - Web site
  - CEUR publication
- 2016 non-achievements
  - Community Group

Agenda

- 09:00-10:30: **Data Cubes**
  - Linked Data Cubes: Research results so far (*Areti Karamanou, Evangelos Kalampokis, Efthimios Tambouris, Konstantinos Tarabanis*)
  - Publication of Statistical Linked Open Data in Japan (*Yu Asano, Yusuke Takeyoshi, Junichi Matsuda, Shoki Nishimura*)
  - Reusable transformations of Data Cube Vocabulary datasets from the fiscal domain (*Jindřich Mynarz, Jakub Klímek, Marek Dudas, Petr Škoda, Christiane Engels, Fathoni A. Musyaffa, Vojtěch Svátek*)
- 10:30-11:00: **Coffee Break**
- 11:00-12:00: **Keynote**
  - Enabling Dynamic Interoperability of Indicators - the key to Evidence-based Policy Making (*Jane Hunter, University of Queensland*)

Agenda

- 12:00-12:30: **Application and Demo**
  - Sparqlines: SPARQL to Sparkline (*Sarven Capadisli*)
- 12:30-14:00: **Lunch**
- 14:00-15:30: **Modeling**
  - An OWL Ontology for the Common Statistical Production Architecture (*Antoine Dreyer, Franck Cotton, Guillaume Duffès*)
  - An OWL Ontology for the Generic Statistical Information Model (GSIM): Design and Implementation (*Antoine Dreyer, Guillaume Duffès, Daniel Gillman, Monica Scannapieco, Laura Tosco*)
  - I Have A Dream… Will linked open data stir up the way we work with statistical classifications? (*Danny Delcambre, Agne Bikauskaite, Jan Planovsky*)

Agenda

- 16:00-16:30: **Open Data Portals**
  - StatDCAT-AP, A Common Layer for the Exchange of Statistical Metadata in Open Data Portals (*Makx Dekkers, Stefanos Kotoglou, Chris Nelson, Marco Pellegrino, Norbert Hohn, Vassilios Peristeras*)

- 16:30-17:00: **Challenge**
  - Classification Explorer: Navigational Querying of Statistical Classifications (*Monica Scannapieco, Taeke Gjaltema*)

- 17:00-17:30: **Awards, W3C SemStats Community Group**